



**G-Switch USB-C Specification:**

- 1.Current rated: 5A on vbus/1.25A on vconn/0.25A on other
- 2.Withstanding voltage: 24V AC
- 3.Contact resistance: 40mΩ Max
- 4.Insulation resistance: 100MΩ Min
- 5.Operating temperature: -40°C ~ +85°C
- 6.Mating force: 5N~20N
- 7.Unmating force: 8N~20N
- 8.Durability cycle: 10,000 cycles
- 9.Data transmission rate up to 40Gbp/s

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TX1+	TX1-	VBUS	CC1	D+	D-	SBU1	VBUS	RX2-	RX2+	GND
First	Second	Second	First	Second	Second	Second	Second	First	Second	Second	First
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
GND	RX1+	RX1-	VBUS	SBU2	D-	D+	CC2	VBUS	TX2-	TX2+	GND
First	Second	Second	First	Second	Second	Second	Second	First	Second	Second	First

1	OUTER SHELL	STAINLESS STEEL(SUS304)	Ni PLATED
2	INNER SHELL	STAINLESS STEEL(SUS304)	Ni PLATED
3	MID PLATE	STAINLESS STEEL(SUS301)	Ni PLATED
4	HOUSING	HIGH TEMPERATURE PLASTIC	PA9T BLACK UL 94 V-0
5	TERMINALS	COPPER ALLOY(C1840)	Au PLATING ON CONTACT AREA
NO.	PARTS	MATERIAL	REMARKS

RoHS Compliant  
EU RoHS Standards

Process Capable

HALOGEN Free  
Compliant

SCALE: 1:1 UNIT: mm  
SIZE: A4

Unless otherwise General Tolerance:  
X. ±0.30  
X.x ±0.25  
X.xx ±0.15  
X.xxx ±0.1  
X° ±1°

Title: Horizontal Type-c 24P Female SMT Sink 1.1 CH=0.47 L=8.7mm

Molde Code: GT-USB-7088C

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2023.02.01

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REV: A0 SHEET: 1/1